

truncated the predicted reading frame at the C-terminus. Predicted WD40 repeat regions are indicated with roman numerals. Conserved residues are indicated below the alignments.--

In the Claims:

Please cancel claims 1-3 and 6-15 without prejudice.

Please add claims 42-48 as follows:

42. (New) An isolated huBUB3 polypeptide comprising amino acids at least 95% identical to a polypeptide comprising amino acids from about 1 to about 328 of SEQ ID NO:2.

43. (New) An isolated polypeptide wherein, except for at least one conservative amino acid substitution, said polypeptide has an amino acid sequence selected from the group consisting of:

(a) a polypeptide comprising amino acids from about 1 to about 328 of SEQ ID NO:2; and

(b) a polypeptide encoded by a polynucleotide at least 90% identical to the polynucleotide encoding (a).

44. (New) An epitope-bearing portion of the polypeptide of SEQ ID NO:2.

45. (New) The epitope-bearing portion of claim 44, which comprises about 8 to about 25 contiguous amino acids of SEQ ID NO:2.

46. (New) The epitope-bearing portion of claim 44, which comprises about 10 to about 15 contiguous amino acids of SEQ ID NO:2.